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NOTICE OF ALLOWANCE AND FEE(S) DUE

7590

08/11/2005

Texas Instruments Incorporated MS 3999 P.O. Box 655474 Dallas, TX 75265

EXAMINER

TRINH, MICHAEL MANH

ART UNIT PAPER NUMBER

2822 DATE MAILED: 08/I 1/2005

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/724,497	12/01/2003	Michael A. Lamson	28674.1	9993

TITLE OF INVENTION: STRUCTURE AND METHOD OF HIGH PERFORMANCE TWO LAYER BALL GRID ARRAY SUBSTRATE

APPLN. TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1400	\$300	\$1700	11/14/2005

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. <u>PROSECUTION ON THE MERITS IS CLOSED</u>. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE REFLECTS A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE APPLIED IN THIS APPLICATION. THE PTOL-85B (OR AN EQUIVALENT) MUST BE RETURNED WITHIN THIS PERIOD EVEN IF NO FEE IS DUE OR THE APPLICATION WILL BE REGARDED AS ABANDONED.

HOW TO REPLY TO THIS NOTICE:

I. Review the SMALL ENTITY status shown above.

If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:

- A. If the status is the same, pay the TOTAL FEE(S) DUE shown above.
- B. If the status above is to be removed, check box 5b on Part B Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and twice the amount of the ISSUE FEE shown above, or

If the SMALL ENTITY is shown as NO:

- A. Pay TOTAL FEE(S) DUE shown above, or
- B. If applicant claimed SMALL ENTITY status before, or is now claiming SMALL ENTITY status, check box 5a on Part B Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and 1/2 the ISSUE FEE shown above.
- II. PART B FEE(S) TRANSMITTAL should be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). Even if the fee(s) have already been paid, Part B Fee(s) Transmittal should be completed and returned. If you are charging the fee(s) to your deposit account, section "4b" of Part B Fee(s) Transmittal should be completed and an extra copy of the form should be submitted.
- III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Mail Stop ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.

PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: Mail

Mail Stop ISSUE FEE Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450

or Fax (571) 273-2885

INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 5 should be completed where appropriate. All further correspondence including the Patent, advance orders and notification of maintenance fees will be mailed to the current correspondence address as indicated unless corrected below or directed otherwise in Block 1, by (a) specifying a new correspondence address; and/or (b) indicating a separate "FEE ADDRESS" for maintenance fee notifications.

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CURRENT CORRESPONDENC	CE ADDRESS (Note: Use Block 1 for	any change of address)		Fee(c) Transmittal Th	mailing can only be used for its certificate cannot be used f	or any other accompanying	
75	590 08/11/2005			papers. Each additional have its own certificate	al paper, such as an assignme e of mailing or transmission.	nt or formal drawing, must	
Texas Instrument	1//			Cer	rtificate of Mailing or Trans	mission	
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Dallas, TX 75265				dansimiled to the OSF	10 (371) 273-2883, on the d	(Depositor's name)	
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						(Date)	
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(A) NAME OF ASSIGN	IEE	(B)	RESIDENC	E: (CITY and STATE OR CO	UNTRY)		
Please check the appropriate	e assignee category or catego	ries (will not be prin	nted on the p	atent): 🔲 Individual 🚨 C	Corporation or other private gr	oup entity Government	
4a. The following fee(s) are	enclosed:		Payment of	* *			
Issue Fee			A check in the amount of the fee(s) is enclosed.				
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	(from status indicated above	•					
	MALL ENTITY status. See			ant is no longer claiming SMA			
The Director of the USPTO NOTE: The Issue Fee and P interest as shown by the rec	is requested to apply the Iss Publication Fee (if required) ords of the United States Pat	ue Fee and Publicati will not be accepted ent and Trademark (on Fee (if ar from anyone Office.	ny) or to re-apply any previous e other than the applicant; a reg	ely paid issue fee to the application in the street attorney or agent; or or age	ation identified above. he assignee or other party in	
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an application. Confidential submitting the completed a	pplication form to the USPT	. 122 and 37 CFR 1 O. Time will vary of	.14. This co	to obtain or retain a benefit by llection is estimated to take 12 pon the individual case. Any c nation Officer, U.S. Patent and D FORMS TO THIS ADDRES	minutes to complete, including comments on the amount of the ITrademark Office, U.S. Der	ng gathering, preparing, and me you require to complete partment of Commerce. P.O.	
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Dallas, TX 75265			2822		
			DATE MAILED: 08/11/2005		

Determination of Patent Term Adjustment under 35 U.S.C. 154 (b)

(application filed on or after May 29, 2000)

The Patent Term Adjustment to date is 149 day(s). If the issue fee is paid on the date that is three months after the mailing date of this notice and the patent issues on the Tuesday before the date that is 28 weeks (six and a half months) after the mailing date of this notice, the Patent Term Adjustment will be 149 day(s).

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date that determines Patent Term Adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) WEB site (http://pair.uspto.gov).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (571) 272-7702. Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at (703) 305-8283.